

[54] **TELETEXT AND DISPLAY APPARATUS FOR GENERAL SURFACE**

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[56] **References Cited**

U.S. PATENT DOCUMENTS

3,671,668	6/1972	Reiffel	178/19
3,758,718	9/1973	Fletcher et al. .	
4,066,855	1/1978	Zenk .	
4,220,815	9/1980	Gibson et al.	178/18
4,225,750	9/1980	Rahuel et al.	178/19

FOREIGN PATENT DOCUMENTS

65252 4/1972 Fed. Rep. of Germany .

OTHER PUBLICATIONS

IBM Technical Disclosure Bulletin, vol. 22, No. 8B, Jan. 1980, "Computer Interface Device", pp. 3542-3543.

Control Engineering, vol. 23, No. 7, Jul. 1976, "CRT Touch Panels Provide Maximum Flexibility in Computer Interaction", pp. 33-34.

IBM Technical Disclosure Bulletin, vol. 17, No. 3, Aug. 1974, "Position Transducing Tablet", pp. 748-749.

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[57]

ABSTRACT

The apparatus comprises a wire sheet graphics tablet and a display apparatus, particularly a cathode ray tube, for receiving the signals transmitted by the graphics tablet. Alternating current flows through wires (5,6) of the tablet. The non-conducting plate (4) of the tablet is transparent and the wire sheets (5,6) are made up of transparent electrical conductors or of small conducting wires, which makes them practically invisible. The tablet is placed on the screen of the display apparatus. Between the screen of the cathode ray tube and the lower side of the graphics tablet, a transparent conducting and non-magnetic coating (8) is provided. In one variation, the current flowing through the layers of wire (5,6) is a high frequency current. The pen for the graphics tablet may be a metallic rod covered by a sheath of insulating material.

6 Claims, 4 Drawing Figures

